

## Articulating Cranes

Reduced Weight,  
Enhanced Performance,  
Maximum Options.

Material Handling Systems



# IMT Specialty Cranes



## Application-Specific, Intelligent Design.

Designed for specific applications, IMT specialty cranes are the perfect choice when your needs go beyond the scope of general material handling. IMT specialty cranes have earned a reputation for providing long-lasting value in even the most demanding of applications.

Uniquely designed for the tire service, mining, construction and railroad markets, IMT specialty cranes can be complemented with a wide variety of hydraulic attachments. In tire service applications, IMT TireHand systems have become the industry standard when mounting and dismounting large OTR tires.

Add to this the service and support of North America's largest articulating crane manufacturer, and you'll see why IMT specialty cranes are the right choice.

*IMT specialty cranes give you extra efficiency and flexibility for your out-of-the-ordinary articulating crane operations.*

### IMT Specialty Crane Specifications

| Model                           | 3000                     | 5200                     | 5217                     | 7415                      | 12916                      | 20017                      | 32018                      | 32027                      |
|---------------------------------|--------------------------|--------------------------|--------------------------|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| <b>Rating*</b>                  | 30,150 ft-lb<br>(4.2 tm) | 52,560 ft-lb<br>(7.3 tm) | 52,300 ft-lb<br>(7.2 tm) | 74,000 ft-lb<br>(10.2 tm) | 129,000 ft-lb<br>(17.8 tm) | 200,000 ft-lb<br>(27.7 tm) | 320,000 ft-lb<br>(44.3 tm) | 320,000 ft-lb<br>(44.3 tm) |
| <b>Horizontal Reach</b>         | 15' (4.6 m)              | 32'2" (9.8 m)            | 17'5" (5.3 m)            | 15'1" (4.6 m)             | 16'2" (4.9 m)              | 17' (5.2 m)                | 18' (5.5 m)                | 27'6" (8.4 m)              |
| <b>Vertical Reach**</b>         | 20'7" (6.3 m)            | 37'10" (11.5 m)          | 24'1" (7.3 m)            | 21'9" (6.6 m)             | 23'1" (7.0 m)              | 24'11" (7.6 m)             | 24'10" (7.6 m)             | 33'5" (10.2 m)             |
| <b>Rotation</b>                 | 400°                     | 450°                     | 450°                     | 370°                      | 370°                       | 370°                       | 230°                       | 400°                       |
| <b>Maximum Lifting Capacity</b> | 5,000 lb<br>(2,268 kg)   | 8,300 lb<br>(3,765 kg)   | 6,900 lb<br>(3,130 kg)   | 12,000 lb<br>(5,443 kg)   | 14,000 lb<br>(6,350 kg)    | 24,000 lb<br>(10,886 kg)   | 40,000 lb<br>(18,144 kg)   | 21,240 lb<br>(9,634 kg)    |

\*Maximum crane rating (ft-lb) is defined as the rated load (lb) which when multiplied by its respective distance (ft) from centerline of rotation gives the greatest ft-lb value. ANSI B30.22 crane rating (ft-lb) is the rated load (lb) x the respective distance (ft) from centerline of rotation with all extensions retracted and the inner and outer booms in a horizontal position.

\*\*From mounting surface.

# IMT Material Handling Cranes



*Hydraulic jibs provide maximum reach and increased productivity through loading efficiency and precise positioning of long-reach loads. Electric/hydraulic shutdown systems, which eliminate boom overload, are standard.*

## Superior Lift-To-Weight Ratios, Long-Reach Capabilities.

IMT articulating cranes provide a perfect blend of European crane technology, backed by IMT's global distribution and applications expertise. Providing superior lift-to-weight ratios, high quality, reliability and performance, IMT articulating cranes are in a class of their own. Each IMT articulating crane meets stringent quality ideals and complies with industry standards.

The IMT articulating crane line includes cranes with capacities ranging from 29,655 ft-lb (4.1 tm) to 266,175 ft-lb (36.8 tm) and vertical hydraulic reach up to 82'4" (25.1 m). Depending on the model that you choose, these cranes can be equipped with a variety of options ranging from hydraulic winches to hydraulic jibs.

When you're looking for the best in lightweight, long-reach material handling cranes, look to IMT.

## IMT Material Handling Crane

| Model                           | 4/29                     | 5/35                     | 6/45                     | 7/51                     | 9/63                     | 11/76                     | 12/89                     | 15/113                     | 16/117                     |
|---------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|----------------------------|----------------------------|
| <b>Rating**</b>                 | 29,655 ft-lb<br>(4.1 tm) | 35,440 ft-lb<br>(4.9 tm) | 44,845 ft-lb<br>(6.2 tm) | 47,020 ft-lb<br>(6.5 tm) | 57,865 ft-lb<br>(8.0 tm) | 75,950 ft-lb<br>(10.5 tm) | 89,965 ft-lb<br>(12.3 tm) | 112,840 ft-lb<br>(15.6 tm) | 112,115 ft-lb<br>(15.5 tm) |
| <b>Horizontal Reach</b>         | 31'2" (9.5 m)            | 34'1" (10.4 m)           | 34'2" (10.4 m)           | 34'6" (10.5 m)           | 37'1" (11.3 m)           | 39'0" (11.9 m)            | 39'0" (11.9 m)            | 41'8" (12.7 m)             | 49'7" (15.1 m)             |
| <b>Vertical Reach</b>           | 37'8" (11.5 m)           | 41'0" (12.5 m)           | 41'0" (12.5 m)           | 39'4" (12.0 m)           | 42'8" (13.0 m)           | 46'4" (14.1 m)            | 46'4" (14.1 m)            | 49'6" (15.1 m)             | 57'5" (17.5 m)             |
| <b>Rotation</b>                 | 400°                     | 400°                     | 400°                     | 400°                     | 400°                     | 400°                      | 410°                      | 410°                       | 410°                       |
| <b>Maximum Lifting Capacity</b> | 4,520 lb<br>(2,050 kg)   | 4,940 lb<br>(2,240 kg)   | 6,505 lb<br>(2,950 kg)   | 5,690 lb<br>(2,580 kg)   | 6,615 lb<br>(3,000 kg)   | 7,320 lb<br>(3,320 kg)    | 8,160 lb<br>(3,700 kg)    | 9,480 lb<br>(4,300 kg)     | 14,000 lb<br>(6,350 kg)    |

\* Includes jib.

\*\* Maximum crane rating (ft-lb) is defined as the rated load (lb) which when multiplied by its respective distance (ft) from centerline of rotation gives the greatest ft-lb value. ANSI B30.22 crane rating (ft-lb) is the rated load (lb) x the respective distance (ft) from centerline of rotation with all extensions retracted and the inner and outer booms in a horizontal position.



*Superior hydraulic reach and maximum control is achieved through the use of self-aligning hexagonal booms, which minimize lateral movement and incorporate a patented cylinder design to ensure proper boom sequencing. Hydraulic swing-lock valves are standard, eliminating the potential of rotational drift.*

**Specifications**

|          | <b>18/129</b>              | <b>20/141</b>              | <b>25/180</b>              | <b>28/198*</b>             | <b>34/235*</b>             | <b>37/266*</b>             | <b>52/380*</b>             | <b>72/516*</b>             |
|----------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| Capacity | 124,410 ft-lb<br>(17.2 tm) | 138,150 ft-lb<br>(19.1 tm) | 176,485 ft-lb<br>(24.4 tm) | 193,840 ft-lb<br>(26.8 tm) | 235,070 ft-lb<br>(32.5 tm) | 266,175 ft-lb<br>(36.8 tm) | 379,010 ft-lb<br>(52.4 tm) | 516,435 ft-lb<br>(71.4 tm) |
| Reach    | 49'7" (15.1 m)             | 56'9" (17.3 m)             | 69'7" (21.2 m)             | 81'6" (24.8 m)             | 73'6" (22.4 m)             | 73'6" (22.4 m)             | 94'10" (28.9 m)            | 110'3" (33.6 m)            |
| Height   | 57'5" (17.5 m)             | 65'0" (19.8 m)             | 78'0" (23.8 m)             | 89'7" (27.3 m)             | 82'4" (25.1 m)             | 82'4" (25.1 m)             | 101'8" (31.0 m)            | 114'10" (35.0 m)           |
| Rotation | 410°                       | 410°                       | 420°                       | 420°                       | 420°                       | 420°                       | Continuous                 | Continuous                 |
| Weight   | 15,220 lb<br>(6,900 kg)    | 16,480 lb<br>(7,475 kg)    | 20,945 lb<br>(9,500 kg)    | 22,820 lb<br>(10,350 kg)   | 27,560 lb<br>(12,500 kg)   | 29,760 lb<br>(13,500 kg)   | 25,815 lb<br>(11,710 kg)   | 35,405 lb<br>(16,060 kg)   |





